

This listing of claims will replace all prior versions of claims in the application.

Claims 1-20. (cancelled)

Claim 21. (new) A positive photoresist composition comprising:

- i) a photoactive component;
- ii) a first polymer that comprises one or more Si atoms; and
- iii) a second polymer that comprises one or more sulfonamide groups.

Claim 22. (new) A photoimageable composition of claim 21 wherein at least one of the first and second polymers comprises photoacid-labile groups.

Claim 23. (new) A photoimageable composition of claim 21 wherein the at least one of the first and second polymers comprises aromatic groups.

Claim 24. (new) A photoimageable composition of claim 21 wherein the first and second polymer are at least substantially free of aromatic groups.

Claim 25. (new) A negative-acting photoimageable composition comprising:

- i) a photoactive component;
- ii) a component that comprises one or more Si atoms; and
- iii) a component that comprises one or more sulfonamide groups.

Claim 26. (new) The photoimageable composition of claim 25 wherein a single component comprises one or more Si atoms and one or more sulfonamide groups.

Claim 27. (new) The photoimageable composition of claim 25 wherein the photoimageable composition comprises a polymer that comprises one or more Si atoms and one or more sulfonamide groups.

Claim 28. (new) The photoimageable composition of claim 27 wherein the polymer comprises aromatic groups.

Claim 29. (new) The photoimageable composition of claim 27 wherein the polymer is substantially free of aromatic groups.

Claim 30. (new) The photoimageable composition of claim 25 wherein the photoimageable composition comprises a polymer that comprises one or more Si atoms and a distinct component that comprises one or more sulfonamide groups.

Claim 31. (new) The photoimageable composition of claim 25 wherein the photoimageable composition comprises a crosslinker.

Claim 32. (new) A phototoimageable composition comprising:
one or more photoacid generator compounds;
at least one polymer that comprises at least three distinct repeat units and one or more Si atoms;
and the polymer or one or more other components comprises one or more sulfonamide groups.

Claim 33. (new) The photoimageable composition of claim 32 wherein the one or more of the polymer repeat units comprise one or more photoacid labile groups.

Claim 34. (new) The photoimageable composition of claim 32 wherein the polymer comprises one or more Si atoms and one or more sulfonamide groups.

Claim 35. (new) The photoimageable composition of claim 32 wherein the polymer comprises one or more Si atoms and one or more sulfonamide groups.

Claim 36. (new) The photoimageable composition of claim 32 wherein the polymer comprises aromatic groups.

Claim 37. (new) The photoimageable composition of claim 32 wherein the polymer is at least substantially free of aromatic groups.

Claim 38. (new) A method for forming a electronic device, comprising:
(a) applying on a substrate a coating layer of a polymer composition;
(b) above the polymer composition coating layer, applying a photoimageable composition of claim 21;
(c) exposing the photoimageable composition coating layer to activating radiation and developing the exposed photoimageable layer.

Claim 39. (new) A method for forming a electronic device, comprising:
(a) applying on a substrate a coating layer of a polymer composition;
(b) above the polymer composition coating layer, applying a photoimageable composition of claim 25;
(c) exposing the photoimageable composition coating layer to activating radiation and developing the exposed photoimageable layer.

Claim 40. (new) A method for forming a electronic device, comprising:

- (a) applying on a substrate a coating layer of a polymer composition;
- (b) above the polymer composition coating layer, applying a photoimageable composition of claim 32;
- (c) exposing the photoimageable composition coating layer to activating radiation and developing the exposed photoimageable layer.